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This listing of claims will replace all prior versions, and listings, of claims in the application:

1	Claim 1 (original): A method for preserving layer 2 address information or information
2	replacing a layer 2 address of a client device which sourced a virtual private network
3	packet, the method comprising:
4	a) determining a new layer 3 destination address based on at least a
5	portion of a layer 3 destination address of the virtual private network
6	packet; and
7	b) encapsulating the virtual private network packet with a layer 3 source
8	address, the new layer 3 destination address determined, a layer 2 source
9	address and a layer 2 destination address.
1	Claim 2 (original): The method of claim 1 wherein the layer 3 source address
2	corresponds to the layer 3 address of an ingress access router.
1	Claim 3 (original): The method of claim 1 wherein the new layer 3 destination address
2	determined corresponds to the layer 3 address of an egress access router.
1	Claim 4 (original): A method for forwarding a virtual private network packet in which
2	layer 2 address information or information replacing a layer 2 address of a device has
3	been preserved, in which layer 3 destination address information has been preserved and
4	which includes a second layer 3 destination address which corresponds to an egress
5	access router, the method comprising:
6	a) de-encapsulating the virtual private network packet by removing the
7	second layer 3 destination address;
8	b) determining a new destination layer 2 address based on (i) at least a
9	portion of the preserved layer 3 destination address information, and (ii) a
10	least a portion of the layer 2 address information or the information
11	replacing the layer 2 address of the device; and

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c) replacing a destination layer 2 address with the new destination layer 2 address determined.

Claims 5-15 (canceled)

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- Claim 16 (original): An apparatus for routing virtual private network packets, each of the packets including layer 2 address information or information replacing a layer 2 address
- of a client device which sourced a virtual private network packet, the apparatus comprising:
 - a) a table including a layer 3 destination address of the virtual private network packet and an associated layer 3 address of an egress access router;
 - b) means for determining a new layer 3 destination address based on the contents of the table; and
 - c) means for encapsulating the virtual private network packet with the new layer
 3 destination address determined.

Claims 17 and 18 (canceled)